

Brazil 1978

Bahia

MEMO BOOK

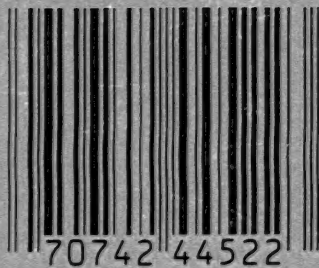
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Brasil 1978

with no n° de 1977 f.e.
2459 (Rio da Alameda)
comparar com 2460 -)

flor to caifora

2 Feb

31 January

3^a 31 jan -
mante.

2460^v

Retbergia

2461^v

Acanthaceae

2462^v

Jesseniaceae

2463^v

Bromel. Tillandsia

2464^v

Argemoneae

2465^v

Boraginaceae

1^o Feb - 4^a micole

2466

Acanthaceae (blanca)

2467^v

Alvimia tenuis

2468^v

Alv. grandifolia

(no herbarium)

2469^v

Alv. tenuis new local

2470^{FBA}

Acanthaceae (vermelha)

2471^{FBA}

Acanth. ~~Alv.~~ blanca.

2472^v

Acanth. flor pequena

violeta

2473^v

Atractodes radiata

2474

~~Atractodes~~ flores

Feb. 3^o

2475^v

~~Atractodes~~ radiata

Bahia, Mun. of Itacaré, on
rampa of Embaixador TV
tower, 4 km from
junction with road to
Itacaré and 20 from
Br 101 road.

Serra do Jacutinga

Bahia 1978

mate, Jan. 31.

Retbergia = Chusquea 2460
Ba, Mun. de Itacaré, on
ramp of Embaixador TV
tower, 4 km from
junction with road to
Itacaré and 20 from
Br 101 road.
Serra do Jacutinga

Alt: spine, \pm 500 m \pm
(no altimeter)

Retbergia in flower,
Beautiful forest in
excellent condition on
high sierra!, bamboo
growing on slopes
climbing over trees,
plants or ground, not
forming dense clumps

not even small ones
I all group of
culm, here and
there, really mixed
in the forest.

At present looks like
the tick of glaucous
cicle. Plant looks
pretty and all over
by flowers.

I think it's the same
Ketsbergia I collected in
72 & 76 in Japumaguan
happ, most lanceolate
leaves, few branches x
nodes, in great
Ketsbergia style! Culm
arise, ~~the~~ culm
leaves tightly persistent
In flower. in head
or bolls at end

of branches with
leaves complete.
(In fl. looks at first
glance and without lens
Atherosachys) with
long setae? with some-
thing on top of setae.
Many in fl. in full
or partial anthesis
(~~that~~ I could not
photograph (upper)
plants or study in
great detail & very
rich; very rich

Still we were able to
find few new culms
collected a lot of
material of every
part of plant.

The inflorescence looks
like a short pedicel
celated "raceme" or
"panicle" subterminal,
confined on the
lower side

Few plants in cold
end bl. & w. - from
material already
cut -

Fixed: FAA, Bouquet? -

Inflorescence in 7 stages
buds, leaves,
bouquet? 3-1?
bulky material ~~not~~ collected

mate Jan. 31

2461

Acanthaceae
BR, Mun. de Itacare, on
canal of Embraetel, TV tower
4 km from junction with
road to Itacare and 20
km from BR 101, Serra
do Jacutinga
alt. ± 500 m. s.m. ~~Altitude~~

Photo: roll # Kodachrome
(OK!) -

herbarium only - no FAA? -

Common in primary forest
on higher slopes of Serra
Beautiful forest with
bamboo (Chusquea, Scleria,
Rattleria) in terminal
Many Monarda, Acanthaceae,
and other herbaceous

plant.

Plants up to ± 1 m high
many with flower but
still very young, few
infl. with bracts green.
Bracts bright light
red, outer red, fls
yellow. They start
to open from the
bottom up.

monte 31 de jan. 2462
Gesneriaceae?

seeds to Jacutinga, same
loc. as Retbergia.

In good forest on higher
slopes of seeds -
dense forest with
bamboo. Epiphyte?, on
trees about 0.50-1 m
high. Flowers white
(^{1st} "Santa Helena")

herbarium only -
no photo, no FAA.

mounts 31 & eners 2463

bruneliaceae Tillandsia!

Terro to Jacutinga, same
loc. as Retbergia.

Epiphyte on a tree fallen

Fl. blue & pink violet.

I think there is only one

specimen - put in

herbarium - (too rich to
to more)

mounts 31 & eners 2464

Ongrideae

Terro to Jacutinga,
same loc. as Retbergia

Epiphyte on branches (leaves)

of a fallen tree, Very

small, a miniature of

no more than 8-10 cm.

Flowers yellowish -

collected alive also? I think
it burned on the pick
up -

monte 317 Jan.

2465

Boraginaceae

Serra do Jacutinga
same loc.

Growing in primary forest
on higher slopes of serra

Forest of trees and bamboo
intermixed. Shrub, about
1.50 m. with white
flowers.

mineiro, Feb. 14.

2466

Acantaceae

So, Mun. Ilheus, road

Olivença - Vila Brasil,

(road to fazenda Ipiranga)

6 Km S.W. of Olivença

Alt. 75 m.s.m.

Plants about 90 to 1.50 m
high, with white flowers
growing in "mata lito-
drada", Atlantic type of
forest on white sand
soil. Forest mixed with
bamboo.

miércoles Feb. 14.

2467

Alvimie tenuis (300 m)
Bo. Mun. de Ilheus, 16.5 Km SW
of Olivença on road to
(Fazenda Espiranga) Vila
Brasil.

Alt. 75 m. s.m.

Same locality as first
collected and discovered almost
2 years ago ⁽¹⁹⁷⁶⁾ place
looks ~~now~~ a little
different. The bamboo
have been growing
for at least one year,
(I found inflorescences in
April 1977). First they have
cut a little more of
the forest to enlarge the
the original trail, now is

a road for cars, probably
for timber. There are
several patches where the
beauties has started to dry
a little and now the
fruit looks more open.

I was able to walk inside
more easily.

I didn't see influence so long
as last year, many
are short or medium
and ^{they are} look like broken
and, some of them, have
already fall. Many
fruits on the plants
at all stages. ~~Also~~

Fruits look a little larger
than the one of H. green.
They are dark green
and ~~they~~ shiny and
a little curved on one side

like a bean. This is
more evident on young
fruits. When the fruit
is very large and full
is not evident but still
curved.

Feb. 1.

2468

Alimnia grandifolia
60, Mun. de Ilheus, 15.7 Km
SW of Olivença on road
to Vila Brasil (fazenda
Ipiranga)

Same loc. where it
was discovered 2 years
ago.

The plants still blooming
although in several
places already too
dry and frost.

Budding had been seen
but I had to find
a fruit in the plant
The answer may be
that the fruits are very
large, larger than

The other species

No *Herposiphonia* collected
but few fruits in
F.A.A. -

Feb. 1

2469

Alvimia tenuis

Ca, Mun. de Ilheus, road
Olineuca - Vila Brasil
(fazenda Espiranga road)
18.3 Km SW of Olineuca

Growing in "mata litor-
ânea", coastal type of
forest on white sand
soil. Forest partially
cut down. Plants
flowering but still
not producing
fruits.

Herposiphonia collected,
F.A.A. collected

This is new locality

is very near the old
type locality, is the
same type of forest
in the road to
fazenda Espiranga

Feb. 2

2470

Pecontacea

Ba. Mun. de Ilheus, road
Oliveira - Vila Brasil
(road to fazenda Espiranga)
ca 6-8 km SW of
Oliveira

Growing in coastal type of
forest on white sand
soil. Forest mixed
with two bamboos,
Strachanthe radiata
and *Alvimia gracilis*
climbing plant ca. 4-
to 6 m high. Big
beautiful flowers of
brilliant red color, ~~the~~
stamens with filament
violet and anthers ^{means} yellow

Photo taken in color
FPA

Feb. 2

2471

Acantaceae

Bra. Mun. de Ilheus, Road
Olivença - Rio Brasil
(road to fazenda Espiranga)
6.5 km SW of Olivença

climbing plant at edge
of good Atlantic type
of forest on white
sandy soil - ~~climber~~
more like

climber on shrubs or
trees loc. 2-3 m. or more
Flowers white, anthers
cream color.

Feb. 2

2472

Beautasace

6 km. N. of Alheus, road
Olivença - Rio Brasil
(road to fazenda Espiran-
ça), 6 km. SW of Olivença

Growing in Atlantic type
of forest on white sand
hill. Forest mixed
with bamboo (*Alvimia
gracilis*). At this time
the most of the bamboo
is dry and dead. The
forest has clear up
there's room to walk
between the trees, and
there is a much more
light.

This Beautasace was

growing in a clear
patch. Climbing
plant, 2-3 m high.
Flowers small, lilac
with violet spots

Feb. 2

2473

Stracanthia radiata

Bar. Mun. de Ilheus, Road
Olivença - old Brazil,
6 km SW of Olivença.

Growing ~~at~~ near entrance
of forest, "monte à torá-
hee", on white sand
soil.

In all patch of *Stracanthia*
this in a forest where
Plumieria gracilis is
the dominant plant -
Most of the inflorescences
with profligate branches
coming out of the
inflorescences.

Feb. 3

2474

Atractantha radiata

Co. Mun. de ~~El~~ ^{El} ~~Albarran~~ ^{Albarran} ~~Mina~~,
Road Mina - Olivera,
28 Km N of Mina city.

Alt. 55 m.

Same locality as it was
discovered in 1976 and
probably type locality.
The whole population
still blooming, although
some plants start to
dry out. Most of
the inflorescences are
now pedicellate.
There are branches coming
out of the inflorescences

with several nodes
and reduce leaves
and the end they
produce again 1-3
spikelets. They come
out of the base as
spikes or rays, the
inflorescences looking
like big stars with
the rays hanging. An

Feb. 3

2475

Arundinella

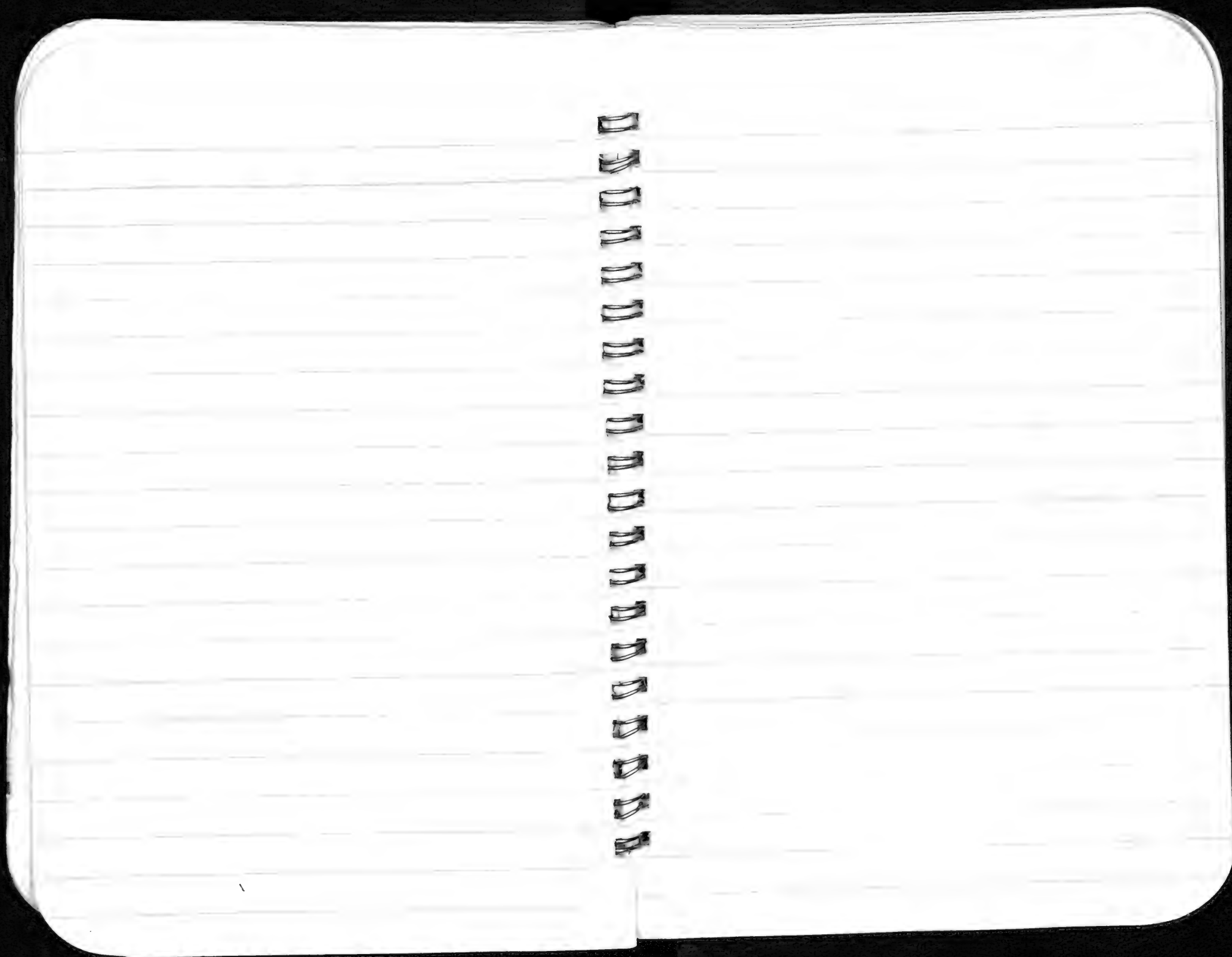
Bar. Mus. de Nova.

Same locality as the one
collected the first time.
Several plants seen with
inflorescences dry and
old. Hard to find
one with young
inflorescences. I have
no idea when is the
best time for flowering.
The plants have no
flowers or too old
and dry.
The dry inflorescences
have very large, large

bracts.

collected only the
dry inflorescence,
not the plant.

~~no photo~~ -



Roll # 16

2010 Roll # 16

Roll # 16

2461

Roll # 16

Roll # 16

Roll # 16

Roll # 7

Roll # 7

Roll # 8

Roll # 8

Roll # 16

V

white

2461 *Hamamelis*loc: same as *Retbergia*

Fls.: orange-red bracts
and flowers bright yellow
Plant still young with
few flowers open -
juicy inside fruit -
beautiful fruit with
many + seeds in flower
Plants about ± 1 m. tall -
sect. stems & anthers
same color -

H. glandulosa in flower are
as *Retbergia*, but
more like *Retbergia* pub.
Hamamelis etc.

✓ fern -
2462. Jeseniaceae
same loc.

Epiphyte, on - arbol -
50 cm - altura,
flor blanca

✓
2463 Tillandsia

epiphyte - flor azul &
violeta -
estambres blancos -

✓
2464 Orquidea

mini org, epiphyte
8-10 cm - Flores
p. amarillada

✓
2465 Boraginaceae

arbolito, 1.50 m -
flor blanca

thinking

Oliveria V. *unidentified*
2466 *Ranunculaceae?* 10 Sept.
Fls. small - altitude
8290 date 1.40 - 1.50
growing in the fl. forest
Sta. radiata, leafy
fruit.

~~2467~~ 2470 *Ranunculaceae*
triflorus, 4 or 5
6 mm - fls. small
stamens violet & anthers
cream -

2471. *Ranunculaceae* 10 Sept -
Triflorus 2 in fl 3-5
fls. small - anthers
cream.

2472 - *Ranunculaceae* fls.
violet in small
violet, yellow, white

203 meters Trepallura



Roll # 4 B & W
1. Tennis courts

Roll # 5
A. Lewis
not in the book

reading -
work with book

A. macrophylla
nesting - (in holes)
by foot rope
holes?

Roll # 6 Ertachrome
Chaf roll + late 15
must 1 ut of 641 =
160

100
Becky of H. form ~~that~~?
easily of H. macrophylla
- not that. note, opposite?

Reel # 7 B & W

Week's of H. J. Goss
He is going home

2 boxes, 100 - note pictures
 + seeds of *Alnus*
 of *Alnus* & *Alnus*
monticola

Roll # 8 2B7-

Red top bark
" " flow die & kept -
" " milk
" " seeds A. joints
A. v. v. v.

Reilly & Sons
Attn. ~~reliable~~

Roll # 1 Katherine 64

Bentley 1111 222

bois, vers de fourrage

Heartfree

Yours of 27th August in reference to the same

Roll # 23 B 2 W -

if the h all wrong /
not wrong - ?

Robertson,

Answer:

(See opening story of
Mr. Gode's time

Roll # 37. Fred

Robertson my

Handwritten: *Handwritten*

Pharmacokinetics

500

160

3

480

